

**Headlamps LED , (8G0),(8G1)**

From September 2014



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A faint watermark or logo for "erWan" in a stylized, lowercase font.

## Vehicle Electrical System Control Module

J519 Vehicle Electrical System Control Module

ST2 Fuse Panel 2

ST3 Fuse Panel 3

SB9 Fuse 9 (On Fuse Panel B)

SB10 Fuse 10 (On Fuse Panel B)

SB11 Fuse 11 (On Fuse Panel B)

SB14 Fuse 14 (On Fuse Panel B)

T17c 17-Pin Connector, Brown

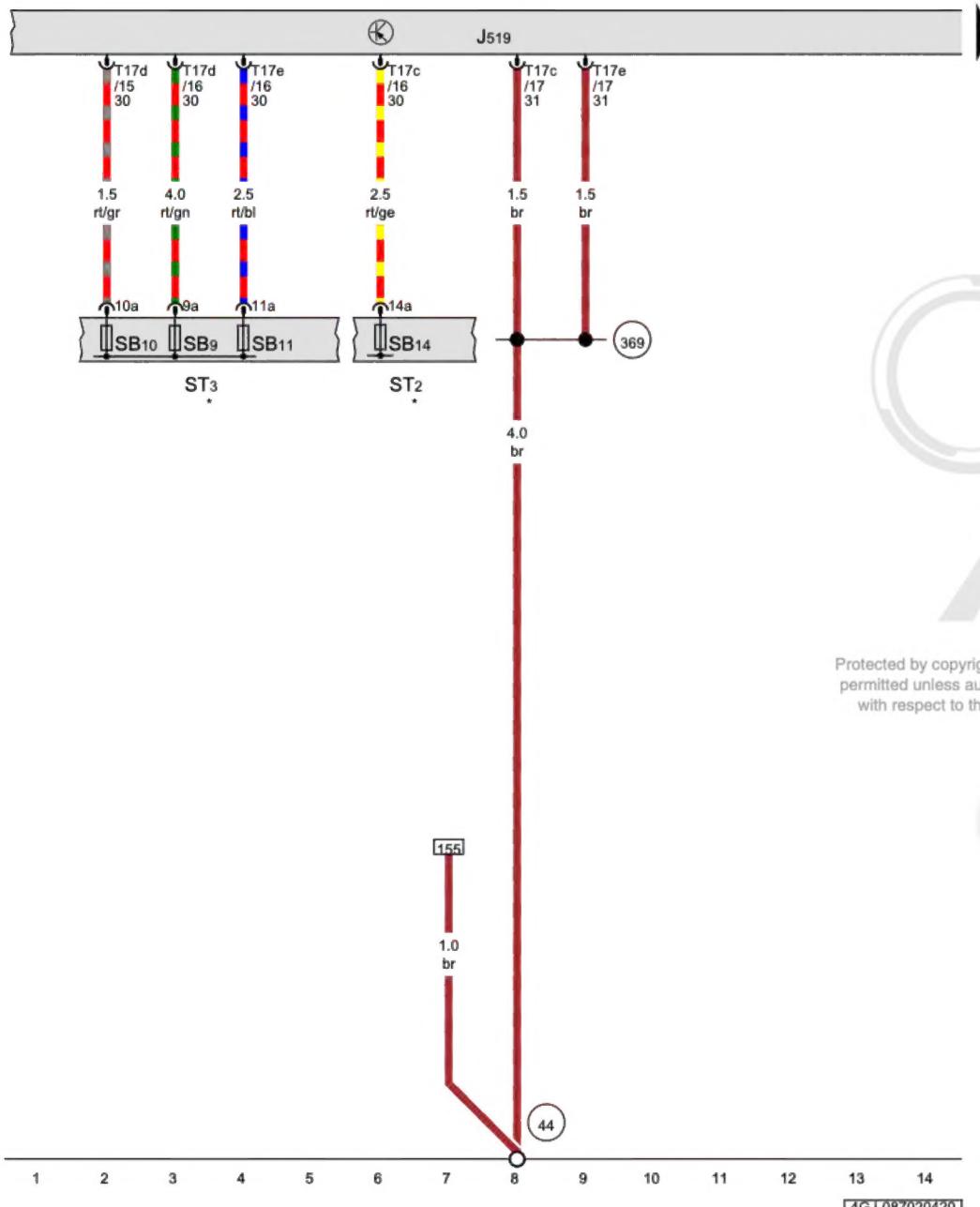
T17d 17-Pin Connector, Black

T17e 17-Pin Connector, Red

44 Ground Connection on A-Pillar, Lower Left

369 Ground Connection 4 (in Main Wiring Harness)

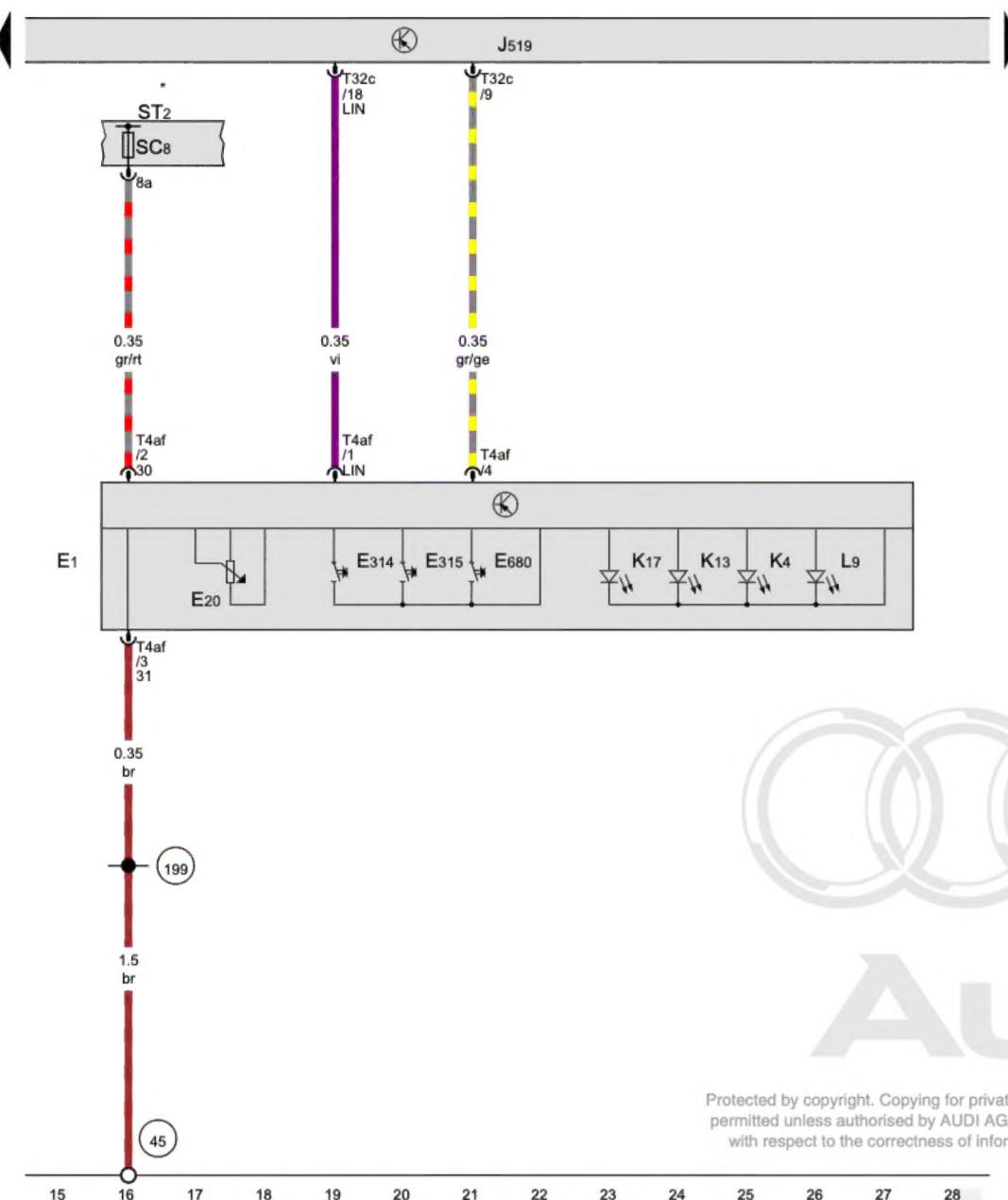
\* Refer to Applicable Wiring Diagram for Fuse Positions



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ws = white  
 sw = black  
 ro = red  
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 br = brown  
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 vi = lilac  
 ge = yellow  
 or = orange  
 rs = pink



Light Switch, Instrument Panel and Switch Illumination  
Dimmer Switch, Rear Fog Lamp Button, Fog Lamp Button,  
Night Vision System Button, Vehicle Electrical System  
Control Module

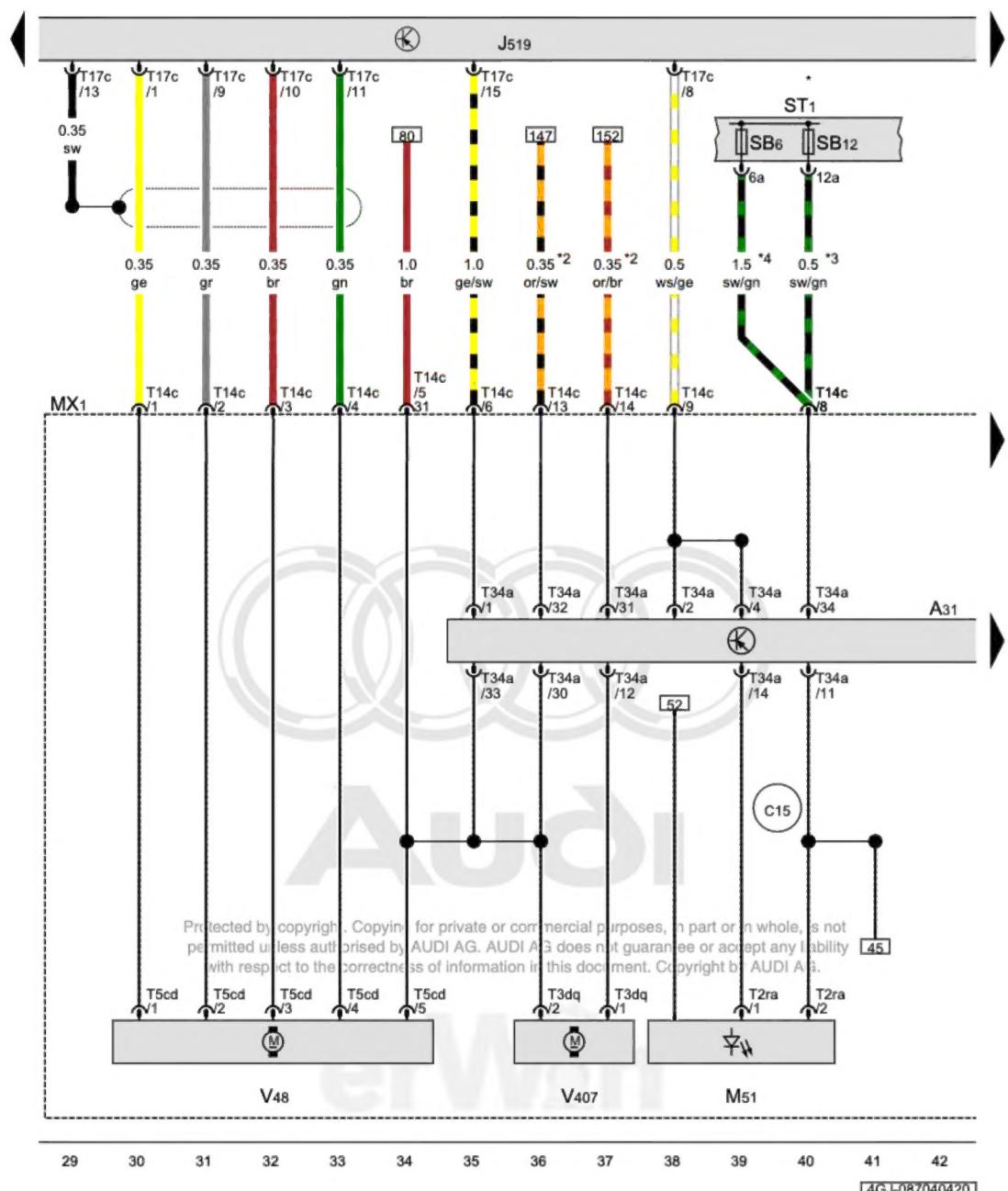
- E1 Light Switch
- E20 Instrument Panel and Switch Illumination Dimmer Switch
- E314 Rear Fog Lamp Button
- E315 Fog Lamp Button
- E680 Night Vision System Button
- J519 Vehicle Electrical System Control Module
- K4 Position Lamp Indicator Lamp
- K13 Rear Fog Lamp Indicator Lamp
- K17 Fog Lamp Indicator Lamp
- L9 Headlamp Switch Illumination Bulb
- ST2 Fuse Panel 2
- SC8 Fuse 8 (On Fuse Panel C)
- T4af 4-Pin Connector, Black
- T32c 32-Pin Connector

45 Ground Connection Behind Instrument Panel, Center

199 Ground Connection 3 (in Instrument Panel Wiring Harness)

\* Refer to Applicable Wiring Diagram for Fuse Positions

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## Vehicle Electrical System Control Module

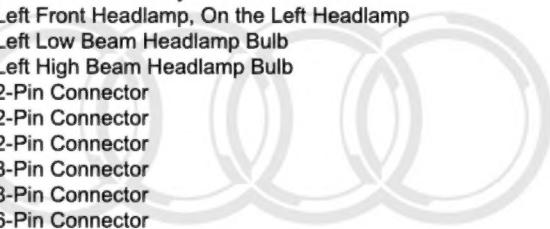
- A31 Left LED Headlamp Power Output Module 1
- J519 Vehicle Electrical System Control Module
- MX1 Left Front Headlamp, On the Left Headlamp
- M51 Left Stationary Cornering Lamp
- ST1 Fuse Panel 1
- SB6 Fuse 6 (On Fuse Panel B)
- SB12 Fuse 12 (On Fuse Panel B)
- T2ra 2-Pin Connector
- T3dq 3-Pin Connector
- T5cd 5-Pin Connector
- T14c 14-Pin Connector, Black
- T17c 17-Pin Connector, Brown
- T34a 34-Pin Connector
- V48 Left Headlamp Range Control Adjustment Motor
- V407 Left Headlamp Fan

## C15 Connection 1 (in Headlamp Wiring Harness)

- \* Refer to Applicable Wiring Diagram for Fuse Positions
- \*2 Data Bus Wire (CAN Bus)
- \*3 Magnetic Core
- \*4 For RHD Vehicles

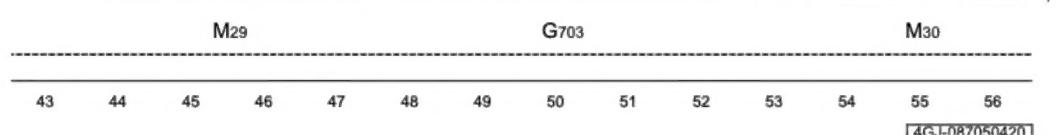
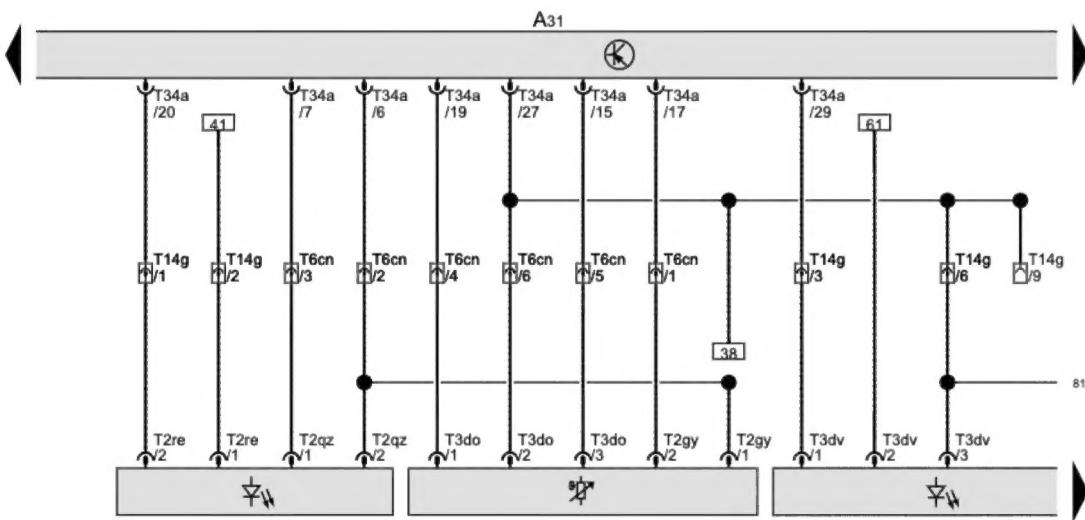
## Vehicle Electrical System Control Module

A31 Left LED Headlamp Power Output Module 1  
 G703 Left Headlamp Temperature Sensor 2  
 J519 Vehicle Electrical System Control Module  
 MX1 Left Front Headlamp, On the Left Headlamp  
 M29 Left Low Beam Headlamp Bulb  
 M30 Left High Beam Headlamp Bulb  
 T2gy 2-Pin Connector  
 T2qz 2-Pin Connector  
 T2re 2-Pin Connector  
 T3do 3-Pin Connector  
 T3dv 3-Pin Connector  
 T6cn 6-Pin Connector  
 T14g 14-Pin Connector, Black  
 T34a 34-Pin Connector



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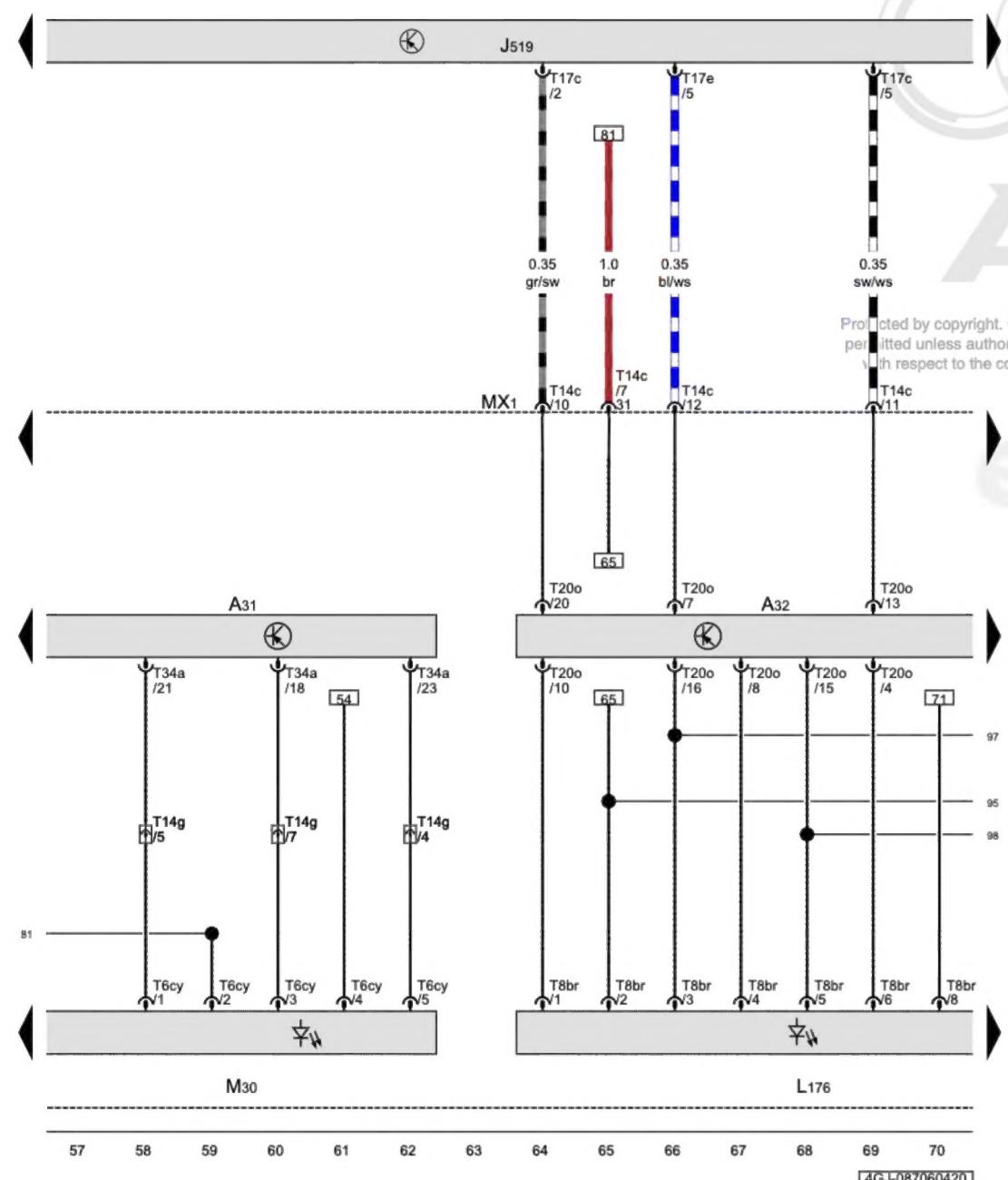


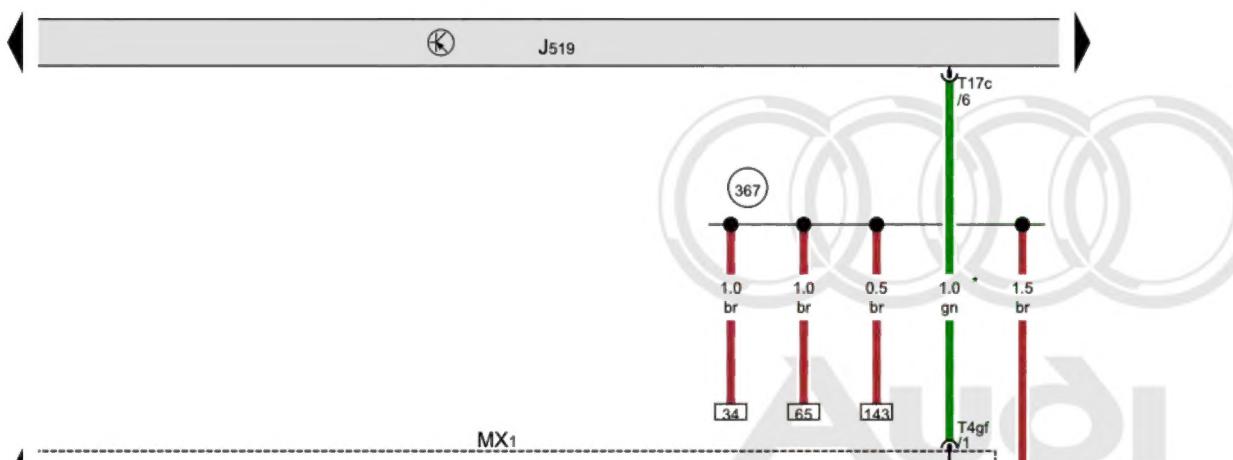
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sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= lilac
vi	= lilac
ge	= yellow
or	= orange
rs	= pink

## Vehicle Electrical System Control Module

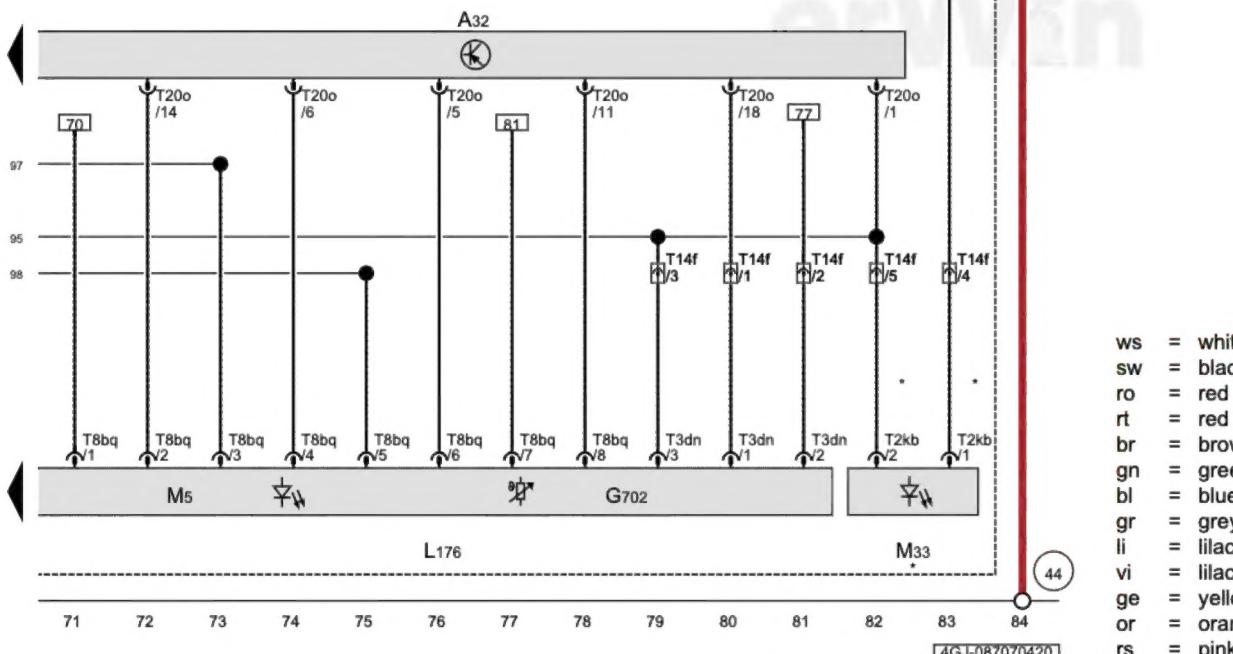
A31 Left LED Headlamp Power Output Module 1  
 A32 Left LED Headlamp Power Output Module 2  
 J519 Vehicle Electrical System Control Module  
 L176 Left Daytime Running Lamp and Position Lamp LED Module  
 MX1 Left Front Headlamp, On the Left Headlamp  
 M30 Left High Beam Headlamp Bulb  
 T6cy 6-Pin Connector  
 T8br 8-Pin Connector  
 T14c 14-Pin Connector, Black  
 T14g 14-Pin Connector, Black  
 T17c 17-Pin Connector, Brown  
 T17e 17-Pin Connector, Red  
 T20o 20-Pin Connector  
 T34a 34-Pin Connector

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### Vehicle Electrical System Control Module

- A32 Left LED Headlamp Power Output Module 2
- G702 Left Headlamp Temperature Sensor 1
- J519 Vehicle Electrical System Control Module
- L176 Left Daytime Running Lamp and Position Lamp LED Module
- MX1 Left Front Headlamp, On the Left Headlamp
- M5 Left Front Turn Signal Bulb
- M33 Left Front Side Marker Lamp Bulb
- T2kb 2-Pin Connector
- T3dn 3-Pin Connector
- T4gf 4-Pin Connector
- T8bq 8-Pin Connector
- T14f 14-Pin Connector
- T17c 17-Pin Connector, Brown
- T20o 20-Pin Connector

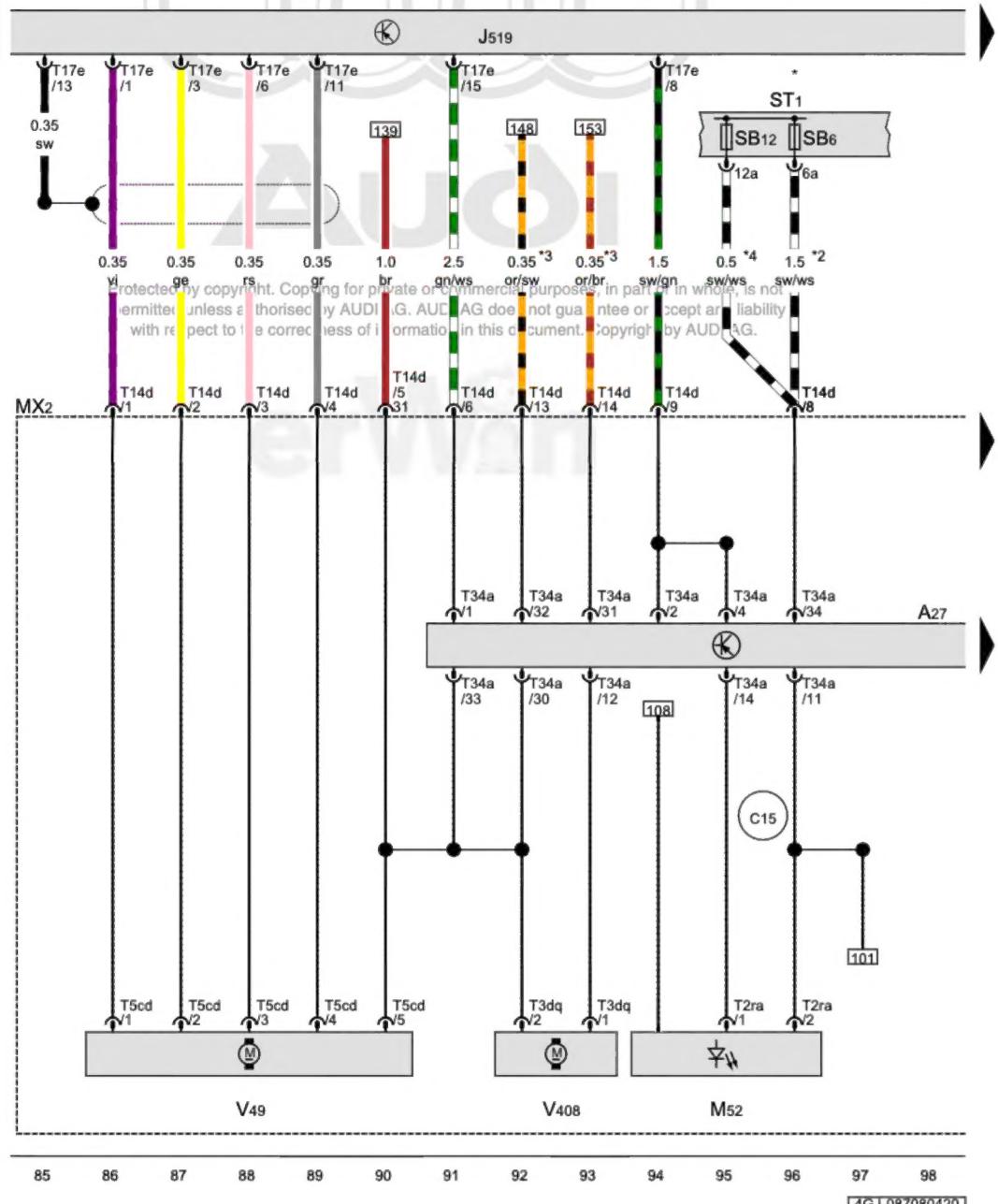
44 Ground Connection on A-Pillar, Lower Left

367 Ground Connection 2 (in Main Wiring Harness)

\* For USA Only

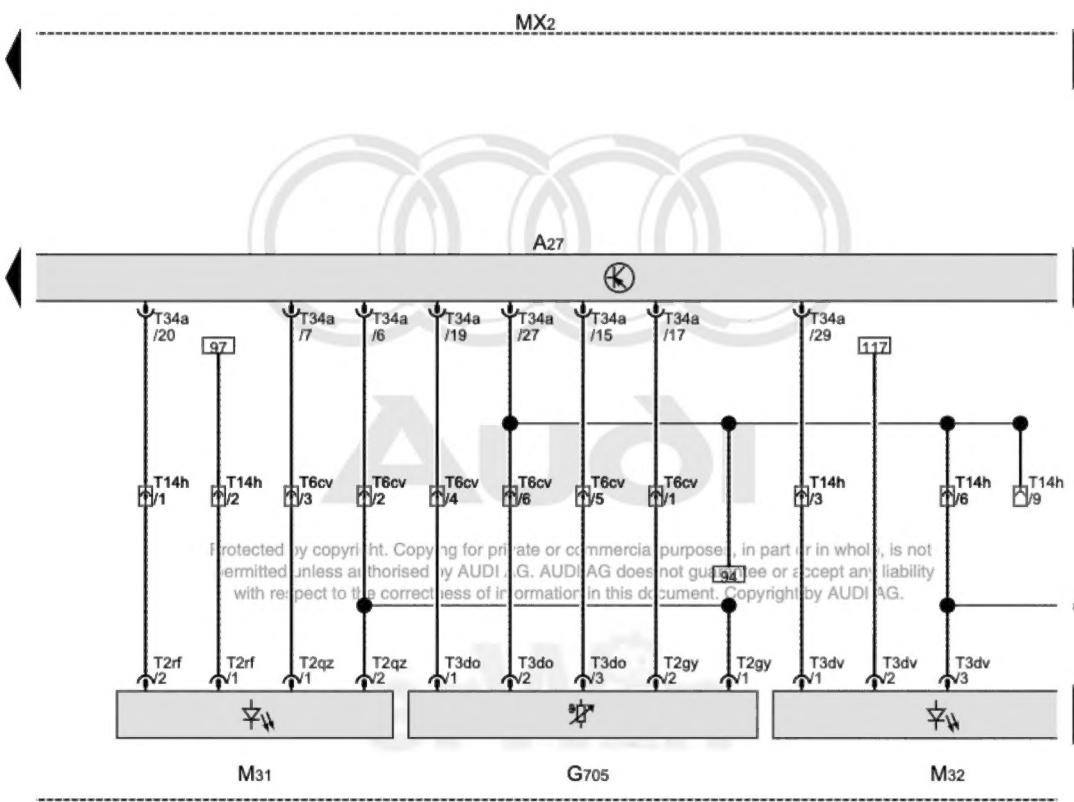
- ws = white
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- li = lilac
- vi = lilac
- ge = yellow
- or = orange
- rs = pink

## Vehicle Electrical System Control Module, Right Front Headlamp



ws = white  
 sw = black  
 ro = red  
 rt = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = lilac  
 vi = lilac  
 ge = yellow  
 or = orange  
 rs = pink

## Vehicle Electrical System Control Module, Right Front Headlamp

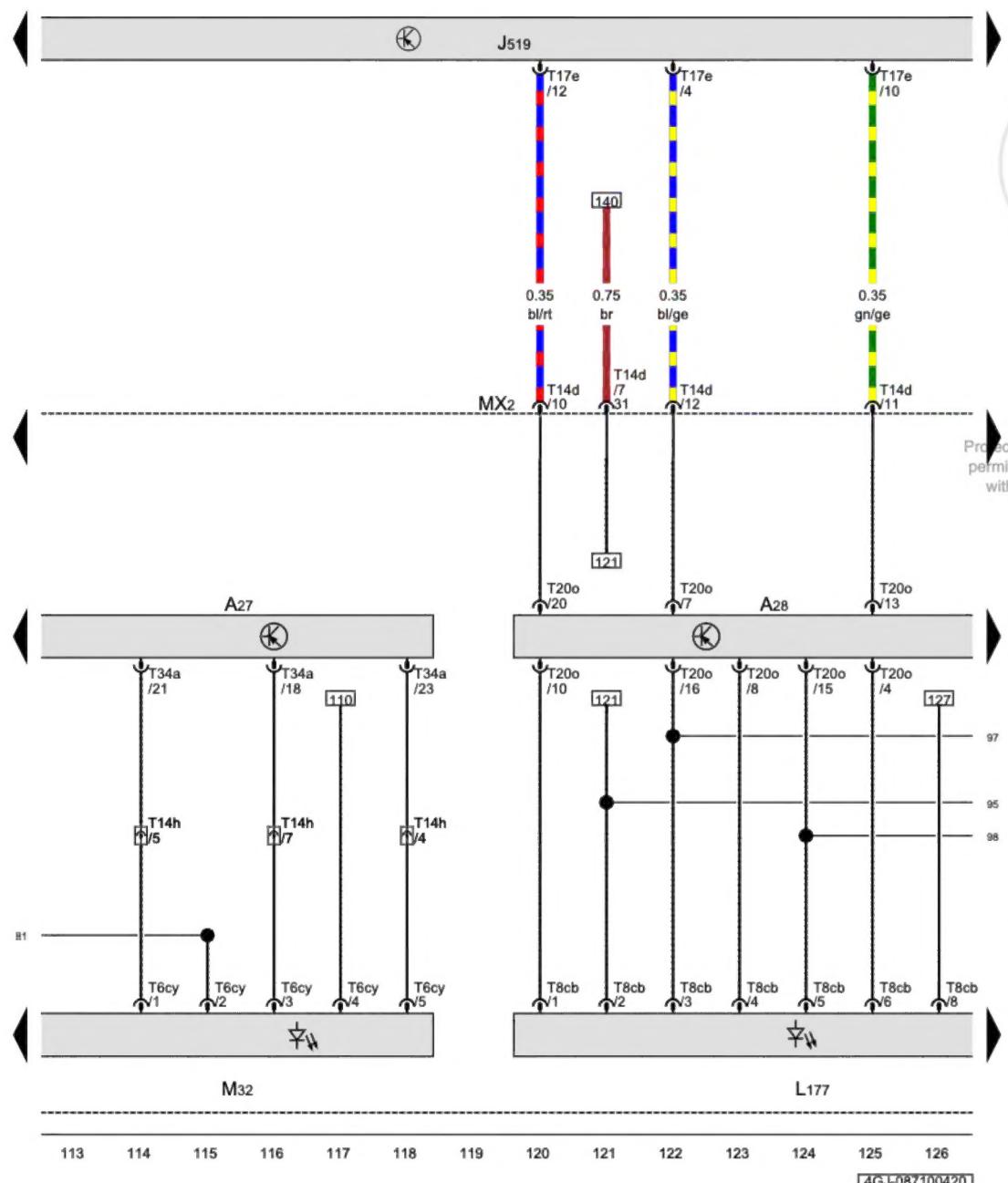


- A27 Right LED Headlamp Power Output Module 1
- G705 Right Headlamp Temperature Sensor 2
- J519 Vehicle Electrical System Control Module
- MX2 Right Front Headlamp, On the Right Headlamp
- M31 Right Low Beam Headlamp Bulb
- M32 Right High Beam Headlamp Bulb
- T2gy 2-Pin Connector
- T2qz 2-Pin Connector
- T2rf 2-Pin Connector
- T3do 3-Pin Connector
- T3dv 3-Pin Connector
- T6cv 6-Pin Connector
- T14h 14-Pin Connector, Black
- T34a 34-Pin Connector

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- br = brown
- gn = green
- bl = blue
- gr = grey
- li = lilac
- vi = lilac
- ge = yellow
- or = orange
- rs = pink

99 100 101 102 103 104 105 106 107 108 109 110 111 112

## Vehicle Electrical System Control Module, Right Front Headlamp

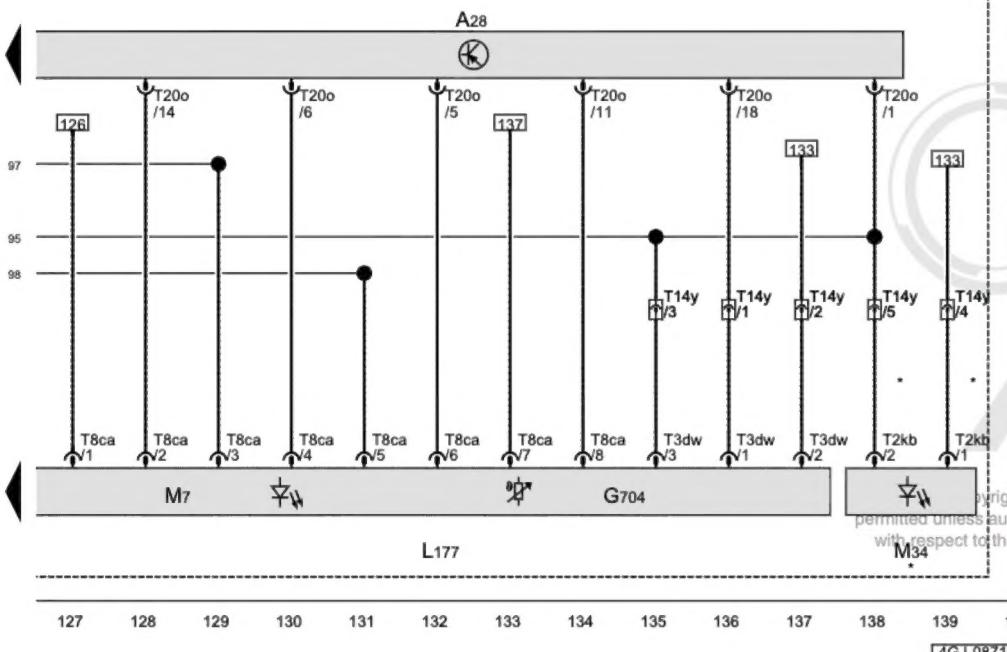
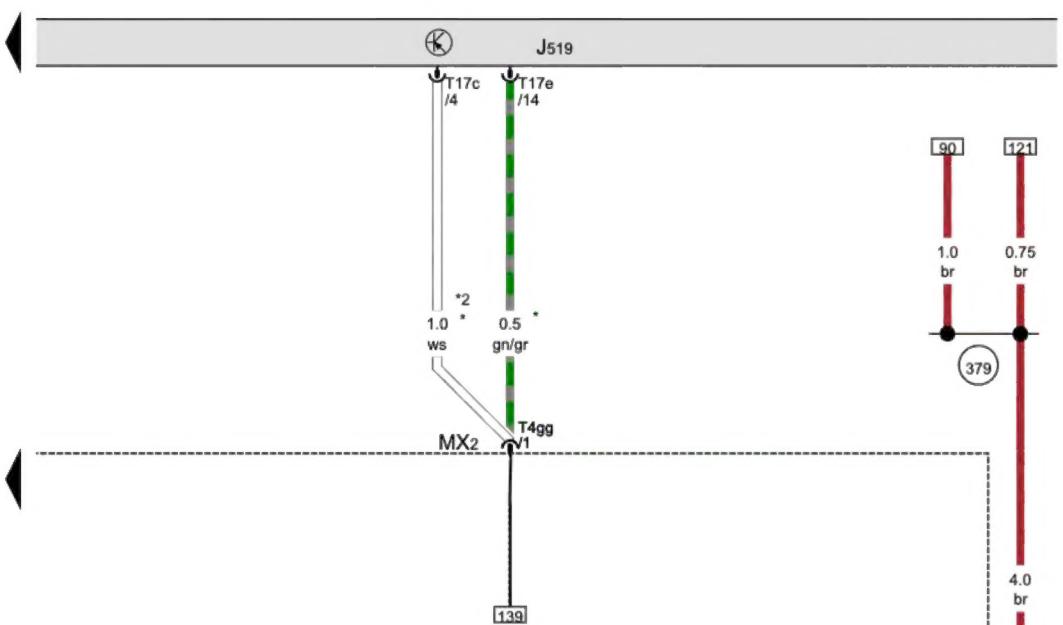


A27 Right LED Headlamp Power Output Module 1  
 A28 Right LED Headlamp Power Output Module 2  
 J519 Vehicle Electrical System Control Module  
 L177 Right Daytime Running Lamp and Position Lamp LED Module  
 MX2 Right Front Headlamp, On the Right Headlamp  
 M32 Right High Beam Headlamp Bulb  
 T6cy 6-Pin Connector  
 T8cb 8-Pin Connector  
 T14d 14-Pin Connector, Black  
 T14h 14-Pin Connector, Black  
 T17e 17-Pin Connector, Red  
 T20o 20-Pin Connector  
 T34a 34-Pin Connector

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 bl = blue  
 gr = grey  
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 vi = lilac  
 ge = yellow  
 or = orange  
 rs = pink

## Vehicle Electrical System Control Module, Right Front Headlamp



ws = white

**sw** = **black**

ro = red

rt = red

br = brown

gn = green

**blue**

**gr = grey**

Information in the **lilac** block

vi = lilac

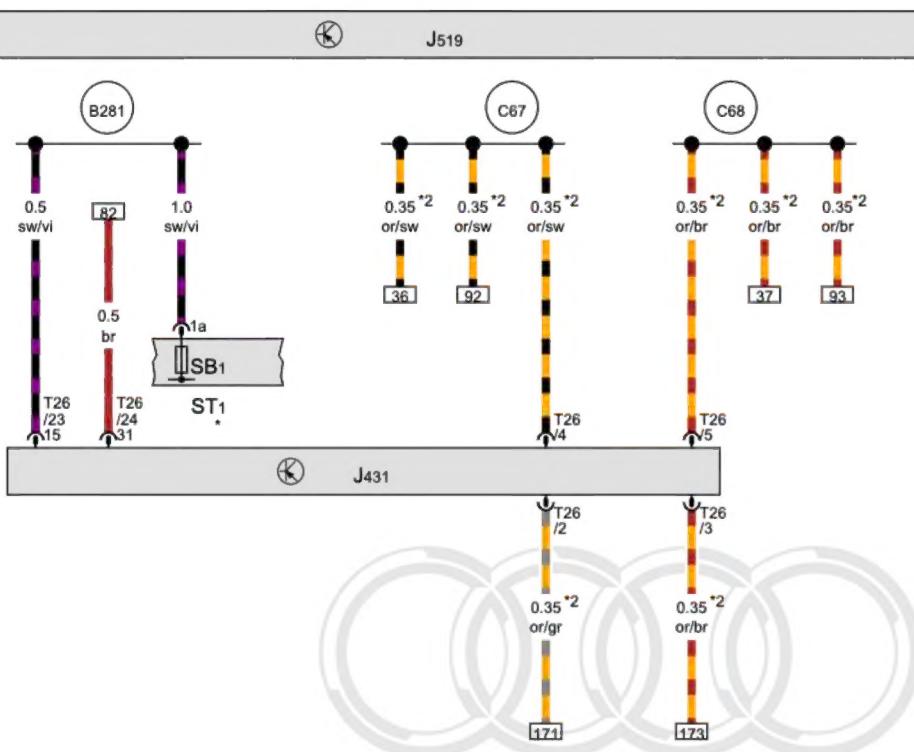
ge = yellow

or = grand

rs = pink

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## Headlamp Range Control Module, Vehicle Electrical System Control Module



J431 Headlamp Range Control Module  
 J519 Vehicle Electrical System Control Module  
 ST1 Fuse Panel 1  
 SB1 Fuse 1 (On Fuse Panel B)  
 T26 26-Pin Connector

B281 Positive Connection 5 (15a) (in Main Wiring Harness)

C67 CAN Bus High Connection (in Headlamp Wiring Harness)

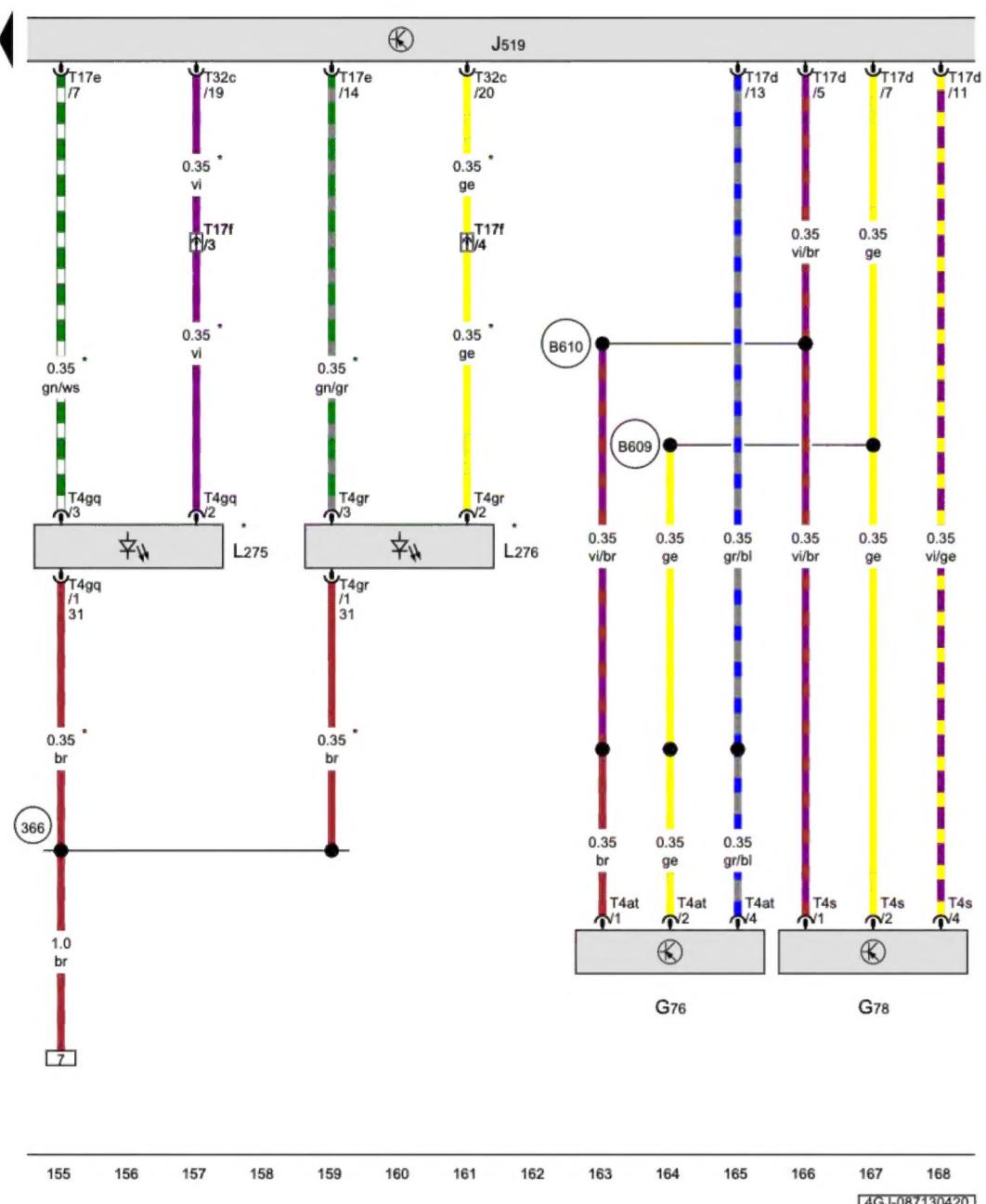
C68 CAN Bus Low Connection (in Headlamp Wiring Harness)

\* Refer to Applicable Wiring Diagram for Fuse Positions  
 \*2 Data Bus Wire (CAN Bus)

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Left Rear Level Control System Sensor, Left Front Level Control System Sensor, Vehicle Electrical System Control Module, Left Signature Lighting Bulb, Right Signature Lighting Bulb

- G76 Left Rear Level Control System Sensor
- G78 Left Front Level Control System Sensor
- J519 Vehicle Electrical System Control Module
- L275 Left Signature Lighting Bulb
- L276 Right Signature Lighting Bulb
- T4at 4-Pin Connector
- T4gg 4-Pin Connector, Gray
- T4gr 4-Pin Connector, Gray
- T4s 4-Pin Connector
- T17d 17-Pin Connector, Black
- T17e 17-Pin Connector, Red
- T17f 17-Pin Connector, In the Left A-Pillar Connector Station, White
- T32c 32-Pin Connector

366 Ground Connection 1 (in Main Wiring Harness)

B609 Connection 5 (in Interior Wiring Harness)

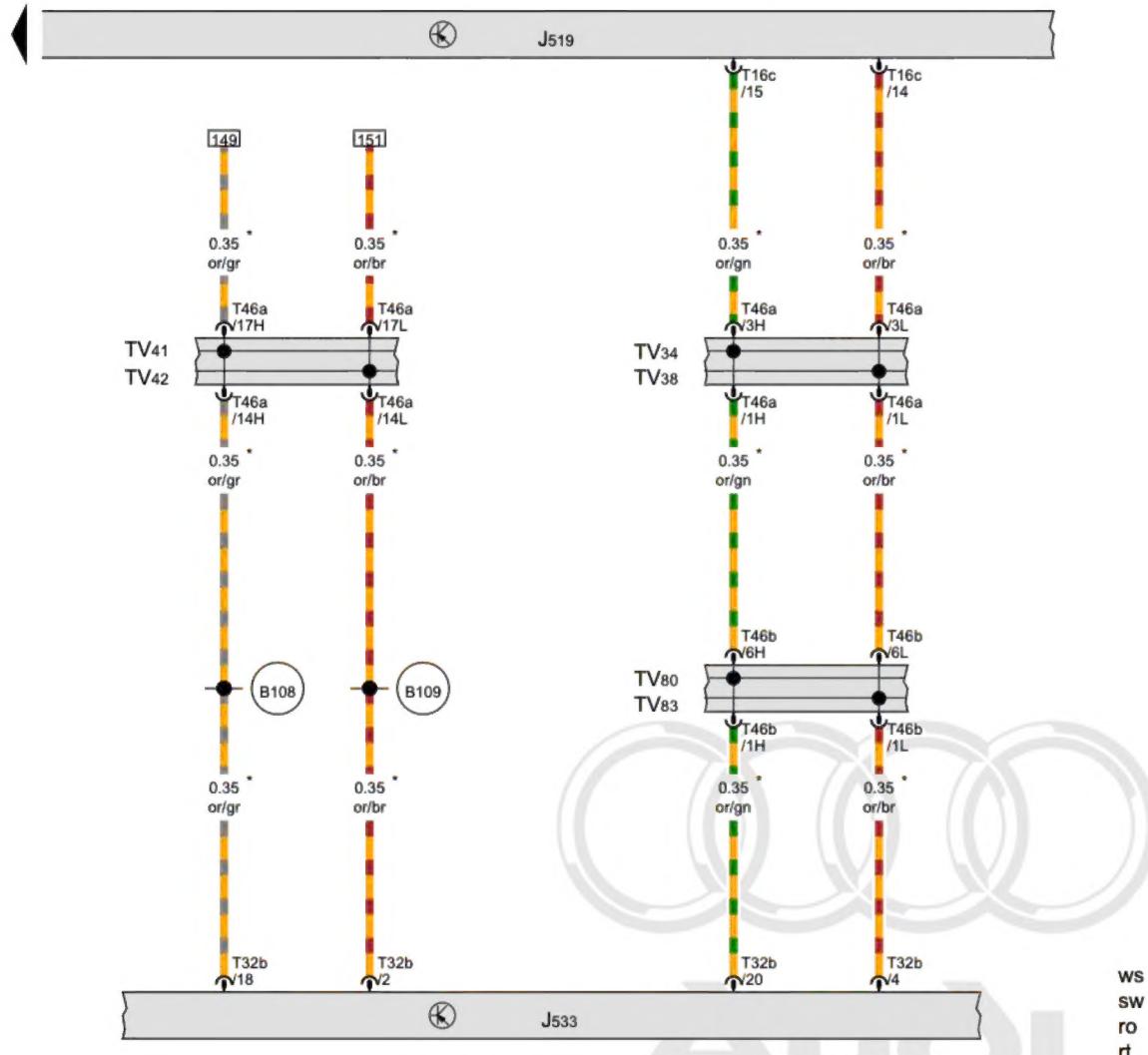
B610 Connection 6 (in Interior Wiring Harness)

\* For Vehicles with Hybrid Drive

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Vehicle Electrical System Control Module, Data Bus on Board Diagnostic Interface, Comfort System CAN Bus High Wire Junction, Extended CAN Bus High Wire Junction, Comfort System CAN Bus High Wire Junction 2

J519 Vehicle Electrical System Control Module

J533 Data Bus on Board Diagnostic Interface

T16c 16-Pin Connector, Brown

T32b 32-Pin Connector

T46a 46-Pin Connector

T46b 46-Pin Connector

TV34 Comfort System CAN Bus High Wire Junction

TV38 Comfort System CAN Bus Low Wire Junction

TV41 Extended CAN Bus High Wire Junction

TV42 Extended CAN Bus Low Wire Junction

TV80 Comfort System CAN Bus High Wire Junction 2

TV83 Comfort System CAN Bus Low Wire Junction 2

B108 CAN Bus Extended High Connection 1 (in Main Wiring Harness)

B109 CAN Bus Extended Low Connection 1 (in Main Wiring Harness)

\* Data Bus Wire (CAN Bus)

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